AVOIELD.

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ST. LOUIS, MO. WEDNESDAY, MARCH 26, 1902.

Velume LV., No. 13,

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# The Dairy

PREPARE FOR SHORT PASTURES.

Editor RURAL WORLD: My attendance at the Kansas dairy meeting the first week in March closed my winter's work in conventions and institutes in

Speaking from a dairyman's standpoint, I found the question of greatest interest was feeds for mid-summer or periods of short pastures and drouths. The figures I presented to illustrate my talks and show the value of succulent feeds during dry, hot months fully substantiated my claims of the great value of ensilage as a supposer feed. The figures shown were nummer feed. The figures shown were he total daily milk yields of our herds of

summer feed. The figures snown were the total daily milk yields of our herds of Jersey cows, and at every meeting much suprise was shown at so remarkable a yield and its uniformity from day to day and month to month. The yield for 3½ months with no grass whatever, and temperature above 109 degrees most of the time, did not vary 39 pounds from the first of the period to the last.

I would like to impress on every dairyman, and stock breeder as well, the importance of arranging for a continuous supply of green feeds during the coming summer. There are no feeds in the dry form that will give as good results as soil crops, and the former will cost much more than the latter. To those who have bought my recent publication I call their attention to the chapter on soil crops and method of culture, and to those who have not a copy of my book I will say, provide soil crops in sufficient quantities to give all stock a liberal feed every day

soil crops, and the former will cost much more than the latter. To those who have bought my recent publication I call their attention to the chapter on soil crops and method of culture, and to those who have not a copy of my book I will say, provide soil crops in sufficient quantities to give all stock a liberal feed every day while the pastures are short.

The slie is our chapter to soil crops in sufficient quantities to give all stock a liberal feed every day while the pastures are short.

The slie is our chapter to soil crops in sufficient quantities to give all stock a liberal feed every day while the pastures are short.

The slie is our chapter to soil crops in sufficient quantities of the Btate Experiment Station, and finally the exhibition of all the crows together for a fixed period at the State Fair.

The slie of the succeive to the supply. We of Cedar Hill will be pretty short on silage this summer and we will have a variety of soil crops to take its place. First we will sow all barn lots and corners in Dwarf Essex rape. Such patches paid us over \$75 per acree last year. We will also sow eight acree of this rape in the field to mow for young stock and hogs. We will sow eight acree of this rape in the field to mow for young stock and hogs. We will sow eight acree of this rape in the field to mow for young stock and hogs. We will sow eight acree of this rape in the field to mow for young stock and hogs. We will sow eight acree of the special period. I will suggest that the first should be commenced some time but to be first such a period. I will suggest that the first should be commenced some time but to be first period on the first should be commenced some time but to be seen and cate for soiling milch cow from the last time send of a the corn, timothy hay and corn fodder they were not making good returns. This make two cows and the corn, timothy hay and corn fodder they were not making good returns. This make the condition of the first should be commenced some time but the cold to have never the condi to mow for young stock and hogs. We will sow eight acres of Canada peeas and cats for soiling milch cows from the last of June until July 10; eight acres of millet, to be fed green in part from July 10 to 20. At this time our crop of Country Gentlemen and evergreen sweet corn will be ready, and then the 10 acres of sorghum, making us a continuous supply of green feed from the last days of June up to ensilage cutting time. This will insure us a liberal flow of milk and a good growth in young stock at a low cost. If we did not have some 70 acres of rough land in blue grass that cannot be tilled we would not have any permanent pasture at all; it is the poorest paying land on the farm to-day.

on the farm to-day.

I am pleased to see so much interest shown in siles and ensitage, both in Missouri and Kansas, and their adoption in those states will revolutionize both stock raising and dairying. I see no reason why every farm in the West should not carry double the stock it is carrying at nt and of much better quality.

mouth, Ill. "BUFF JERSEY."

AT THE ST. LOUIS WORLD'S FAIR.

A Plan for the Proposed Test of Dairy Breeds.

Fditor RURAL WORLD: Every owner of pure-bred dairy cows should wake up to this subject, especially if he owns a valuable cow that may be sought after for this test. He should endeavor to have tor this test. He should endeavor to have the plan such as he is willing to submit his cow to. If he fails to do so he should not withhold his cow, however objection-able to him the plan may be. I was a member of the committee for securing committee for

not withhold his cow, however objectionable to him the plan may be.

I was a member of the committee for securing cows for the Chicago World's Fair test. Our experience was fruitful of lessons. We visited 38 states, traveled thousands of miles and put in seven weeks of hard work. Many of the leading breeders of that day directly or indirectly refused their cows. They gave as a reason that cows of great value ought not to be submitted to conditions that entangered their future usefulness.

I quote from an address of President Horr at the annual meeting of the Holstin-Friesian Association in 1886. "Many of the breeders living in the East refused absolutely, and so did many of the western breeders, to furnish any cows, or else they had none that were coming in at the right time. We had in charge a campaign which it was our duty to see prosecuted to a successful termination, and we found that we had got to go to the Chicago Exposition with interior animals and cows that were not fairly represents. Chicago Exposition with interior animals and cows that were not fairly representa-tive, or else stay away. We also found that the expense of taking these cows there and of hiring suitable superintend-ents was very much larger than we had inticinated, and that our treasury was anticipated, and that our treasury was hardly in the condition to make it pruient and conservative for us to commit this association to such a large expense."

Every one will agree with me that such experiences ought not be repeated. The remedy is in securing a plan on which our

remedy is in securing a plan on which our breeders will generally units.

To this end there should be free discussion of the subject. I know of no better place for it than in the columns of agricultural press. The breeder who is not fire to use his influence for the best possible plan should not be excused for that reason in withholding his cows from the test. "Blence gives consent" is an adage in common use. I venture to open such a discussion and hope that others will follow.

Hood's Sarsaparilla

### I Will Cure You of RHEUMATISM No Pay Until You Know It

After 2,000 experiments I have learned how to cure rheumatism. Not to turn cony joints into flesh again; that is impossible. But I can cure the disease always, at any stage, and forever.

I sak no money. Simply write me a postal card and I will send you an order cn your nearest drugglist for its bottles of Dr. Shoop's Rheumatic Cure, for every drugglist keeps it. Use it for a month, and if it does what I claim, pay your drugglist \$5.50 for it. If it doesn't I will pay him myself.

I have no samples. Any medicine that can affect rheumatism with but a few does must be drugged to the verge of denger. I use no apich drugs. It is folly to take them. You must get the disease out of the blood.

My remedy does that, even in the most difficult, obstinate cases. No matter how impossible this seems to you, I know it and I take the rick. I have cured tens of thousands of cases in this way and my records show that 39 out of 40 who get those six bottles [ay, and pay gladly. I have learned that people in general are honest with a physician who cures them. That is all I ask. If I fall I don't ex-

honest with a physician who cures them.
That is all I ask. If I fail I don't expect a penny from you.
Simply write me a postal card or letter.
Let me send you an order for the medicine. Take it for a month, for it won't harm you anyway. If it cures pay \$5.50.
I leave that entirely to you. I will mail you a pook that tells how to do it. Ad-

the second between 114 and 128 days after, and the third between 248 and 128 days after,

after. 2. All the tests be made under the supervision of two representatives of an experiment station who should watch the

hrboardry in the Missouri Agricultural.

College.

The first meeting was held at Salisbury on the 12th inst., and was well attended, atthough the weather was very wet and stormy. Two sessions were held, and the subjects "How to Make the Best of the Cow," and "Selecting and Feeding the Dairy Herd," were well received.

On the 13th a meeting was held at Shelbina, two sessions being held there.

Great interest was taken in the work, as a number of farmers intend going into dairying. "Fertilizing Value of Crops" and "The Handling of Milk and Cream for Shipment"were the subjects discussed.

On the 14th an afternoon session was held at Excello, where there is a grown and the start of the sta

held at Excello, where there is a grow-ing dairy industry. A general outline of the subject of dairying was given, with discussion afterward, and a large

with unclusion atterward, and a large number of questions were asked. A very successful session was held at Axtell, and such was the interest taken that the meeting did not break up until nearly midnight. "The Profits of Dairy-ing." followed by a general discussion,

was the program was the program.

The meeting at Macon on the 15th was held in the afternoon. A fair number was present and all were interested. Mr. Rudolph Miller, who owns the Macon Creamery, and the Salisbury, Axtell and

A GOOD PLAN AND A BETTER ONE.

A GOOD PLAN AND A BETTER ONE.

A few Waldo County farmers dispose of their milk by a somewhat unusual method, says a Maine paper. "A calf is kept on the cow until sold, whether it be at four weeks or three months old, and a young calf is bought to take his place.

The faels as if he were all stomach.

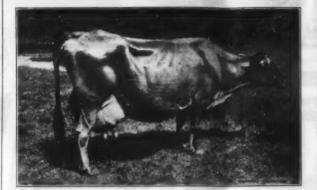
How unhealthy the dyspeptic must be! He feels as if he were all stomach, and one thing that makes him feel so is that pain at the pit of the stomach—sometimes an "all-gone feeling"; sometimes an "all-gone feeling"; sometimes a "burning sensation."

"I suffered from pains in my stomach and could not eat. An old gentleman told me to take Hood's Sarsaparilla, which I did, and after the use of four bottles I gained my appetile, and I was soon com-

sometimes an "all-gone feeling"; cream or butter to advantage, and can buy the extra calves required, but nothing short of a pure-bred registered calf to the to take Hood's Sarsaparilla, which I gained my appetite, and I was soon completely cured, so that now I feel like a new man. On no account would I be without Hood's Sarsaparilla in my house." Hasar Callar, 71 Commercial St., Portland, Me.

Hood's Sarsaparilla and Pills
Care dyspepsia, invigorate and tone the whole digestive system.

TO CURE A COLD IN ONE DAY Take Laxative Bremo Quining Tablets. All druggists refund the money if it falls to cure. E. W. Grove's eignature is on each box. Se.



BERNICE HUGO POGIS 65729,

Cwned by George V. Saffarrans, Falmyra, Mo.

The picture presented above is that of one of Mr. George V. Saffarrans' herd of Jersey cows, from which he is offering for sale a few choice specimens as per advertisement in another column. A giance at this-picture will tell any one familiar with dairy cattle that Bernice Hugo Pogis is a noble milker and pretty good evidence that the herd of which she a member must have good breeding and much individual excellence.

Mr. Saffarrans is one of the men who are helping to establish the fact that Missouri has as well-bred dairy stock as can be found anywhere in the country.

continued to that way of raising calves, but have been a statisfied to sit on a stump or the fence at the calf do his own milking, eating his head off at the same time.

We were also very glad to have Mr. Rudolph Miller, proprietor of the Macon Creamery, with us, and to make his acquisitance. We hope to see him among our farmers again soon, as his talks are very encouraging to those contemplating going into the dairy business.

GROWING DAIRY COWS.

There are circumstances, and milk producers who understand how to take advantage of them, where it is found profeitable to buy cows, milk them until they is a striking illustration four darreliable. The first imposed as trigle herd of registered Jerseys. One buil for two years, a company in the world. Mr. Wilson worksproved by a striking illustration found in our experience with the Missouri Agricultural College herd of registered Jerseys. One buil for two years, a company in the world. Mr. Wilson worksproved by a striking illustration found in our experience with the Missouri Agricultural College herd of registered Jerseys. One buil for two years, a company in the world. Mr. Wilson worksproved by a striking illustration founded in our experience with the Missouri Agricultural College herd of registered Jerseys. One buil for two years, a company in the world. Mr. Wilson worksproved by a striking illustration founded in our experience with the Missouri Agricultural College herd of registered Jerseys. One buil for two years, a company in the world. Mr. Wilson worksproved by a striking illustration founded in our experience with the Missouri Agricultural College herd of registered Jerseys. One buil for two years, a company before coming the first time.

The opening of the cheese factory will adal sylve the farmers a goal market for their milk, and at a price which makes it more prefitable to make it into protect as a individual, but higher in price because he was the direct descendant of a family of heavy butter producers, and was himmandiate.

2. All the tests be made under the survey and of two representatives of an extraction of two representatives of an extraction of two representatives of the extraction who should we will be several and night, not the care, weight the food, etc.; that the results should be subject to confirmation by retesting in every case that the authorities of the Experition requested.

4. That prizes be offered for net profit, for value of total solids, for value of butter fat, etc.

5. That the number of prizes be at least one hundred, but that no one breed be awarded more than twenty-five.

6. That after the completion of the profit distriction of the profit distriction, perhaps two weeks, to be seen by all and critically studied by those who desire to study their conformation.

7. The average cost of testing a cow thus vouid not exceed \$180. At this rate would cost \$8,750. An appropriation of \$2,000 would cover this and leave a bance of \$1,290 for capilleating the prizes of the Experition.

8. HOXIE.

8. Yorkville, N. I., March Is, 1962.

8. The first meeting was held at Salisburg in the life first meeting was held at salisburg in the life first meeting was held at Salisburg in the life first meeting was held at Salisburg in the life first meeting was held at Salisburg in the life first meeting was held at Salisburg in the life first meeting was held at Salisburg in the life first meeting was held at Salisburg in the life first meeting was held at Salisburg in the life first meeting was held at Salisburg in the life first meeting was held at Salisburg in the life first meeting was held at Salisburg in the life first meeting was held at Salisburg in the life first meeting was held at Salisburg in the life first meeting was held at Salisburg in the life first meeting was held at Salisburg in the life first meeting was held at Salisburg in the life first meeting was held at Salisburg in the life first meeting was held at Salisburg in the life first meeting was held at Salisburg in the life first meeting was held at Salisburg as an example, where starting with a clitcisms. It is not necessary to expherd of common cows that averaged 3,000 any of the public funds to supervise as an example, where starting with a herd of common cows that averaged 3,000 pounds of milk per year, they graded up and developed up until the average of the herd was 7,575 pounds, an increase of started with. To do this the best cows should be bred to good buils having milked for a year and then culled, saving only the best.

There must be no guess work about the helfers. It must be made a matter of the first year fast, but of cost of production. To do this the yield of fat must be ascertained by the Babcock test, the food consumed must be made a matter of fairly accurate account, the length of the period of lactation must be taken into consideration, and all the factors entering into the call two cows in the same herd that will serve as an illustration. Both seemed to be superior milkers, and both produced of verr 10,000 pounds of milk in a year;

The proposition of physicians made the work and or physicians made the over 10,000 pounds of milk in a year;

The proposition of physicians made the propressition to a progressive dairyman proposition to a progressive dairyman.

Kellogg Skimming Stations, offered to take all the cream and milk which was brought in good condition and to pay the best market price. The writer gave short addresses on the "Skim Milk Calf" and "The Last Half-tenth and the Last Half-tenth and the Last Half-tenth and the Last Half-tenth and the same herd that over 10,000 pounds of milk in a year; both produced this yield, too, at practically used to be superior milkers, and both produced your produced this yield, too, at practically used to be superior milkers. However, and the proposition to a progressive dairyman that they would recommend the milk of the would follow their reduced. But the milk of one of the cows made 333 pounds of butter and that of ling, and he readily consented to such an strength of the commendation of the cows made 333 pounds of butter and that of ling, and he readily consented to such an strength of the commendation of the cows made 333 pounds of butter and that of ling, and he readily consented to such an strength of the commendation of the commendation



THE BATTLESHIP efulness all its own. But there are other "fighting machines" quite he science of industrial warfare, and not the least among these must the Grain and Grass Harvester. The modern Binder and the modern most perfect form, are seen in the

DEERING LIGHT DRAFT IDEALS

ag Binder has at least a dozen distinguishing characteristics which commend onsideration of the careful, conservative, money-making farmer. These are riced, angle steel frame, a gear and cank-shaft indoed within steel frame, a result of the constraint of the const



The strictest rules are followed as eriploye knows that his work and cleanly

WHEEL CO., BOX 74. QUI

CENSUS OF DAIRY PRODUCTS.

The census preliminary report on but-ter, cheese and condensed milk, factory products, including urban dairy products, shows the following summary for 1900, with percentages of increase since 1890; Number of establishments (25% on inrease of 99 p. c.; capital, \$36,508,015, ir number, 12,685, increase of 2 p. c.; total wages, \$6,170,670, increase of 40 p. c.; miscellaneous expenses, \$1,590,766, increase of 82 p. c.; cost of materials used, \$109,151,206, increase of 113 p. c.; value of products, \$151,199,317, increase of 109 p. c.

THE LAMAR CHEESE FACTORY, which, closed down last fall, after being in operation less than two years, will be opened for business again about the first of April. C. L. Wilson, who succeeded M. D. Betz as manager, and who was in charge when the plant closed down, will again be manager. The plant is now owned by the Continental Creamery Company of Topeka, Kansas, which company has hundreds of plants in Kansas and Oklahoma, it being the largest creamery company in the world. Mr. Wilson worked for this company before coming here the first time.

The opening of the cheese factory will again give the farmers a good market THE LAMAR CHEESE FACTORY

Cn another page of this issue appears a very unique design calling attention to a line of harvesting machines in which the O. K. stands out prominently, emphasising the fact that the machines advertised are O. K. In name as well as fame all over the world.

Readers of the RURAL WORLD should write for "The World Center," a beautiful and interesting book, which is mailed free to all mentioning this paper.

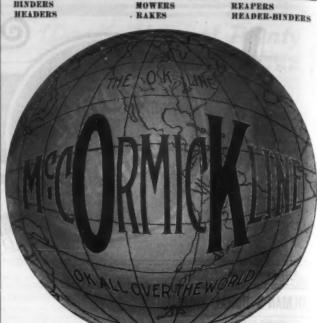
Have you investigated the "Jack of all Trades" advertised by Fairbanks, Mores & Co. It is a simple little gasoline en-gine with which all up-to-date farmers should be equipped.

Sharples "Tubular" **Cream Separators.** 



FOR SALE.

Twenty-two high class Dairy Cows and one (1) two-year-old Jersey Ball, tegether with all off my tin-ware, consisting of case, measures and one "Star Milk Cooler;" also one delivery wagon—beca need very little This is a rare opportunity for any one desiring to conduct a Dairy, especially year to year has given increased natifaction. It has been my purpose for the peat nine and one-half years to profuse a special purpose Dairy cow, early tourises of these cows gave an average test of 6-12 per cent, butter fat. This herd consists entirel of young cows; and I will say are the very top of two hundred or more cows. I also have a top of the hundred or more cows. I also have successful.



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oot all other black powder shells, because they are made better and loaded by exact machinery with the standard brands of powder, shot and wadding. Try them and you will be convinced. ALL . REPUTABLE . DEALERS . KEEP . THEM

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The DAVIS is the best SEPARATOR manufactured. It is the most simple. It is the most durable. It does the best work. Write to us and we will demonstrate these facts to you.

Marion Farm Jerseys.

We are offering some choice Registered Jerseys for sale at reasonable prices. Fresh cows now giving 400s milk per day. Superb St. Lambert helfers, soon to freshen to our Golden Lad bull. Beautiful helfer calves that will develop into the right kind of will develop into the right kind of cows. Heavy, persistent milkers only are bred at Marion Farm. Write for prices, pedigree and particulars.

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the slib twenty-one feet in Siameter.

CHAS. R. JAMES, Hannibal, Mo.
D. No. 1.

One good dairy cow is superior to three poor cows in the dairy. The difference is in the cost of feed.

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Perfect Health.

Is within the reach of almost every woman. The weakness, nervousness and irritability from which so many women and irritability from which so many women after is in general due to discase of the delicate womanly organism. When the disease is cured the general fact to be a serious when the second of the delicate womanly organism. When the disease is cured the general fact to be a serious when the second of the delicate womanly organism. When the disease is cured the general fact to be a serious when the delicate womanly organism. When the disease is cured the general fact to be a serious when the second of the delicate womanly organism. When the disease is cured the general fact to be a serious when the second of the fruit growers somewhat and inciting makes weak women strong and sick wo

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WARRING TOWNS BURAL WORLD MARCH

THE FEAR NEXT COLLEGE

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than I now enjoy, and it is all owing to Dr.

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Dr. Pierce, Buffalo, N. Y.

SEED CORN FAMINE Worst all over corn belt since 1894. Corn that will row wall and be sure (from past experience) to grow well and be sure (from past experience mature and yield heavily for you, is what you w We are ready to prove that we have such our samples and our catalogue of field seeds free. J. C. SUFFEEN. CORN BREEDER, VOORHIES, ILL.

NITRATE OF SODA MONEY CROPS TOP DRESSINGS.

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Seed Oats, Potatoes, Corn, Stock Peas, Clover, Timothy, Alfalfa, Red Top, Blue Grass and other field Seeds. Being practical farmors and fruit growers our-selves, we know your wants. Write for prices. We guarantee our Seeds to be as represented.

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Reid's Yellow Dent.

I have a limited amount of carefully selected and tested Seed Corn for sale, which I will ship in ea-or shelled as may be desired. Write for circular. W. G. GRIFFITH, Putnam Co., McNabb, III.

Mammoth White Artichoke Seed FOR SALE. ddress Goo. A. Arnold, Haydon, Nebrask

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Boone Co. White, Reid's Yellow Dent, Imp. Leaming: best tested seed \$1.50 per bushel; sacks free delivered on car for any station in the United

J. C. ANDRAS, JR., Manchester, III.

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Old Reliable—50 Bederwood, early; 50
Warfield, medium; 50 Brandywine, late.
New Reliable—12 Ruby, 12 Senator Dunlap, 12 Nettle. All for \$2.00 by express. Edwin H. Riehl,





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FOR SALE —2240 acres hay and farming land in Rock county, Nebr. Grazing on public lands. Land \$12.50 per acre. A Bargain. Jay L. Torrey, Long Pine, Neb. ----

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Farms from \$10 Per Acre Up.,
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Portland, N. Y., are in the heart of the famous Fredonia-Chautsuma Grape Relie which would be a started on the famous fredonia-Chautsuma Grape Relie which would be a started on the famous fredonia-Chautsuma Grape Relie which would be a started on the famous fredonia-Chautsuma Grape Relie which would be a started on the famous fredonia-Chautsuma fredonia-Ch

of the famous Fredonia-Chautauqua Grape Bolt, which produces
the best vines of any locality in the U.S. Immense stock—florest quality. Prices low as
those of any reputable grower. A full stock of CUREANT,
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AGAWAM, reddish purple, good.

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FRUIT TREES. \$1.00 30 Budded Peach Trees, best varietie
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CLOVER, TIMOTHY, RED TOP, SLUE SRASS, ORCHACU GRASS, CORN, MILLET, SEED GATS, 40. Write us if you want BEST SEEDS, or have Seed or Grain to sell.



# Live Stock

DATE CLAIMS FOR LIVE STOCK HALES.

April 1, 1902.—M. Scoter, Lockwood, Mo., Shorthorns. April 8-8-Breeders Combination Sale, Herefords, Kansas City. May 7-8-Colin Cameron, Herefords, Kan-

sas City.
June 18.—C. E. McLane, Danville, Ind.,
at Indianapolis. Double Standard Polled

Durhams.

The "National Hereford Exchange" un
der management of T. F. B. Sotham, as

April 18-24, 1902.—Chicago.
ABERDEEN ANGUS CATTLE.
April 10-11.—Combination sale, W. C. McGavock, mgr., Kansas City.
June 10-11.—Combination sale, W. C. Mc-

Gavock, mgr., Chicago. NATIONAL SHORTHORN SHOWS

AND SALES. May 8-At Celumbia, Mo., Boene County Shorthorn Breeders' Association. Enorthorn Breeders' Association.

May 14—At Kansas City, Mo.; W. T. and
H. R. Clay, Plattsburg, Mo.

Oct. 22, 1902.—Geo. W. Jessup, Rockville, Ind.; Charles F. Mills, Clerk, Springfield, iii. \$, 1902.—Combination sale Berkshires, Manager A. J. Lovejoy, Roscoe, Ill.; Clerk, Charles F. Mills, Springfield, Ill.

GRADES OF PURE BREDS.

Editor RURAL WORLD: If W. W.

number of our readers. One hundred and horses.

Not every farmer can make a success with high-bred stock, and I am sure that if we look all over the country we many find many more who have failed to make money out of fancy stock than out of good grades. I think that the most ardent admirer of pure-bred cattle would hestate before advising a man to sell "five good grade cows at \$40 or \$50 each and invest the money in one pure-bred and registered cow." If Mr. Wright has five good grade cows he is getting close up to more money for his calves than \$45 each, if he breeds to a pure-bred bull and retains his best heifer calves as breeders; then, as our editor says, the milk is an additional source of profit. "Squeamishness" about skim milk calves is all right, but when it goes into a man's pocketbobs to feed butter fat to calves instead of giving fat in a cheaper form he will soon be found isying saide some of his old ideas and feeding something cheaper than butter at even is cents per pound.

Twenty-six years ago a man bought \$50 instance these breeders are consigns as a consider the set of the very oung loss a line a milk and retains in the season of his old ideas and feeding something cheaper than butter at even is cents per pound.

Twenty-six years ago a man bought \$50 instance these breeders are consigns and the proper in a grade to the pound.

Twenty-six years ago a man bought 350 acres of land six miles from me. He also bought a small herd of registered beef cattle, and infused new blood as it was equired; yet he did not succeed because was unable to dispose of his cattle at aying prices. He had a sale a few weeks go and I noted that his cattle were no

satisfaction in knowing that one owns as good stock as can be found.
Ohio. C. D. LYON.

actification in knowing that one own as good stock as can be found. D. LYON.

GEORGE BOTHWELL, Nettleton, Mothat eminently successful breeder of the control of the street of the street

Columbia, Mo., March 21.—The annual stock-judging contest among the short-course students of the Missouri State Agricultural College has been completed and the results announced to-day. The short course is offered by the Missouri Agricultural College every winter for the benefit of young farmers who can not spare the time to take a complete course in agriculture. Instruction is given in crop-growing, stock-breeding, stock-judging, stock-feeding, dairying, gardening, fruit-growing, veterinary practice, carpentry, blacksmithing, bookkeeping and the elements of chemistry, geology Columbia, Mo., March 21 .- The annual

reasons therefor.

The judges were Hon. Alex. Maitland, of Richmond, Mo.; George B. Ellis, secretary of the Board of Agriculture, and H. Waters, Dean of the Agricultural Col-The final grade was made up by aking 60 per cent of the grade on judg-ng and 40 per cent of the grade on essay. The first prize was awarded to G. Wilon Hamilton, Fulton, Mo.; second to Valter L. Schubert, Rockport, Mo.; third

Walter L. Schubert, Rockport, Mo.; third to E. A. Loomis, Meadville, Mo.

The judges had a difficult task to award the prizes, as there was a very high standard of excellence in both the scoring and essays. Some of the essays will be printed in the April bulletin of the Board of Agriculture, which will be devoted to the subject of "beef production."

THE COMING HEREFORD SALE

At Kansas City, April 8 and 9.

April 8 and 9 be another large combina-tion sale of Herefords at Kansas City should be of especial interest to a large Wright of Monroe City, has closely fol-lowed my writings he knows that 1 am the ton sale of Herefords at Kansas City not a stockman, but a crop grower, only keeping a few head of cattle, hogs and the company of the fifty head will be sold and the following

each instance these breeders are consigning a few head of the very west young stuff in their herds. It is needless to add that the drafts from the larger and better-known herds will be representative ones, and the entire lot of cattle will be of a class that should find a host of appreciative purchasers. The sale was not planned with the idea of making a record breaking average, and the breeder, farmer or ranchman who will attend this sale can undoubtedly purchase some well bred, useful breeding stock at very modago and I noted that his cattle were no brechater than mine, and I make no pretence as a breeder. If I were in debt is norder to get pure-bred cattle, especialin order to get pure-bred cattle, especialin order to get pure-bred cattle, especialin if I had no certainty of selling my produce at paying prices.

If I owned a good stock farm and was out of debt I would sell all grades excepting the very best and buy as good stock as I could get. There is a great satisfaction in knowing that one owns as

lress Gudgell & Simpson, Inaependence,

Sih by Wild Tom. Sunny Slope 1 om 5th is an extra good one himself, weighing 2,000 pounds at three years of age. He has a son in the sale, Sunny Slope Blossom, a yearling bull of the kind that everybody needs. The other helfer is in lot 2, Gussle's Model, by imported Sallisbury, a large growthy helfer calved December 1, 1900.

The sum of the sun of the sun of the sun of the calved December 1, 1900.

The sum of the sun of the sun of the calved December 1, 1900.

The sum of the entire offering, which breaks the record of any sule of shorthorn cattle held in this city.

G. H. AUGUSTUS, Paris, i.i., will sell a draft of 65 Shorthorn cattle—4i females and 24 bulls—at Kansas City, Mo., on April 13. Those cattle are either of Scotch to Proceedings of the entire offering, which breaks the record of any sule of shorthorn cattle in this city.

HANDLING THE BULL.

spare the time to take a complete course in agriculture. Instruction is given in crop-growing, stock-breeding, stock-judging, stock-freeding, stock-gudging, stock-freeding, dairying, gardening, fruit-growing, veterinary practice, carpentry, blacksmithing, bookkeeping and the elements of chemistry, geology and botany applied to agriculture. The State Board of Agriculture offered two prises, supplemented with a third prise offered by Dean Waters to the students making the highest grade in judging beef cattle and writing the best essay on "The Most Profitable Type of Beef Steers." F. B. Mumford, an expert judge of beef steers, scored twenty-eight animals, consisting of eight thoroughbred bulls and cows and twenty grade steers of the Shorthorn and Hereford breeds of the Shorthorn and Hereford breeds of cattle. The members of the class then scored each animal and wrote an essay of the Shorthorn and Hereford breeds of cattle. The members of the class then scored each animal and wrote an essay describing the best beef type and giving reasons therefor.

The judges were Hon. Alex. Maitland, of Richmond, Mo.; George B. Ellis, secre-

ern agriculture. A good strong staff (a pitch fork handle with an iron hook having tongue and set screw for closing the loop in the shank hoos), is the proper accompanist for the ring. We often see ccompaniet for the ring, we often see ten leading a buil by a rope in the ring, ut how can they keep the buil from harging them? A buil should always e treated in such a manner that he can-ot doubt who is the master. But he is n animal with feeling which responds kindness. If given an apple core, a

pay you for the trouble.

If it pays to curry a \$5 horse, will not the same truth apply to your \$125 bull? Besides the generally acknowedged benefit of currying, the constant or daily anading of the bull tames him constitution. With vicious bulls, a chain or cope in their ring, desgring on the ope in their ring, dragging on ground, has been a very successful help managing them.

CATTLE NOTES.

W. G. SWINNEY, proprietor of the Clover Leaf Herd of Herefords at Bois d'Arc, Greene Co., Mo., informs us that is cattle are coming through the winter oulls that can be bought at very reason able prices.

rille, Ill. His is an offi established herd, and you can obtain from him both bulls and heifers. He will also give you correct freight rates on the stock you buy.

is an exceptional opportunity to go into the stock busines. From its location and ther advantages it certainly is worth; of thorough investigation. The name Col. Terrey is a guarantee of itself. Look it up.

M. SOOTER'S sale of Shorthorn cattle will be held next Tuesday, April 1, at his arm, seven miles south of Lockwood, Mo., in Dade county. Col. Sparks has the sale in charge. It is the second sale of pure-bred cattle in Southwest Missouri, where the buyer has the privilege of fixing the price. Col. Sparks gave several persons great bargains at the first sale and probably will at this one.

DEHORN THE CALVES .- All catt) produced on farms and all those that are likely to be finished up in feed lots should be dehorned while calves. Deorned steers are worth, everything else being equal, \$2° a held more than the horned animals. They feed better; feed more evenly and economically. They ship better, and for the reason that their flesh is not bruised they sell bette

G. H. AUGUSTUS, Paris, Til., will sell a draft of 65 Shorthorn cattle—41 females and 24 bulls—at Kansas City, Mo., on April 15. These cattle are either of Sectch or Scotch topped American families. Some of the very best of Bates breeding are represented in this offering, with Scotch tops. The offering as a whole is a good one and of good breeding. There are some most excellent bulls in this offering, the best of which is the grand three-year-of bull, Sampson, sired parant three-year-of bull, Sampson, sired grand three-year-o'd bull, Sampson, sired by Capt. C. R. Leonard's great show and breeding bull Lavender Viscount, the two-year champion of America. In Samp-son Lavander Viscount has a son that



We have been advertising for a long time the Keystone Dehorning Knife, manufactured by M. T. Phillips, of Pomeroy, Pa., and have received from him a view showing the dehorner in actual operation, which we are glad to present herewith. Little is needed besides the knife itself, and the work is quickly and easily done by one operator and a helper. This is the knife which took highest award at World's Fair in Chicago, and which cuts from four sides Chicago, and which cuts from four side without bruising or tearing. It's the l mane dehorner. Write to the man mane dehorner. facturer for circulars.

Especial care should always be used to avoid a cross where the same defects



HEREFORDS 20 Registered Hereford Bulls, from 8 to 20 months old; 10 nice Yearling Heifers, ce bulls. Herd contains 135 head. Call

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AUXVASSE HERD. Shorthorn Bulls, Southdown Sheep and Be Hogs. Choice breeding. Individual merit. sold worth the money. Call on or address C. A. McCue, Auxvasse, Mo.

V. D. DIERKER, Breeder of REGISTERED SHORT-HORN CATTLE, POLAND CHINA HOGS, PLYMOUTH ROCK POULTRY, BARRED WHITE AND BUFF.

Blackwater Shorthorns. F. M. Marshal, Proc. BLACKWATER, Herd headed by the Crulekshank Bull. Orange Hero 153,665 by Godoy. Pemales are of pure Sected as re Bates, with individual merit the standard. Young stock of both sex for sale.

Registered Shorthorn Cattle AND POLAND-CHINA HOGS,
Bred and For Sale by H. A. BARBER, WINDSOR, MO.

LAWN HERD OF SHORTHORNS

C. M. CASEY, SHAWNEE MOUND. HENRY COUNTY, MO

LAINES OF BREEDING—"The Caley Mixture," Cruickshanks and other Scotch estile, Bates and Renick Rose of Sharons.

HERD BULLS—Imp. Cellynie 135022, bred by Wm. Duthie; Imp. Bythe Vieter 14080s bred by W. S. Marr; Admiral Geology 133872, bred by Col. C. E. Leonard; Vieter Bashth 152797, bred by J. B. Crawford & Sons; Vieter Abbett, bred by T. J. Wallace & Son and Scottish Lavender, bred by Hanna & Co.

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ST. LOUIS NATIONAL STOCK YARDS. THE LIVE STOCK MARKET OF ST. LOUIS. at East St. Louis, directly opposite the city of St. Louis. Shippers should see that their stock is billed directly to the

National - Stock - Yards. C. G. KNOX, V.-Pres. C. T. JONES, Gen. M'gr. L. W. KRAKE, As'st. Gen. Mg

Herd Bull for Sale.

Oan, calved Nov 10, 1897; a good individual and also a good breder, as his calves will show. Got by Victoria Baron105859 out of Orange Princess, she by 11th Kirk-levington Duke 75,865, out of Orange Queen by Lord Alcomb 3rd 52418, out of important Orange Princess, when the Computer of the Computer of

ed Orange Blossom 31st by the great Roan Gauntlet (3.5284), etc. Twenty-five good bulls, some pure Scotch, will be sold at same time and place For particulars and catalogues address

W. POLLOCK, MEXICO, MO.



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Live Stock Auctioneer Your Patronage solicited. Terms reasonable. H. W. KERR.

Shorthorn Cattle

Berkshire Hogs, Cotswold and Shropshire Sheep. Bulls ready for service. Some choice boars and 15 bucks for sale at

reasonable prices. The pure Scotch bulls Violets Prince 145,647 and Golden Sym-

pathy 151,656 in service.

JOHN MORRIS, Chillicothe, Me

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CLOVER LEAF FARM HEREFORDS.

BOM the best imported and native strains. Farm 2 miles from station; telephone. Visitors met borrespondence solicited. If young bulls, 8 to 18 nonths, for sale. Bois D'Are, Mo., Greene Co., on Memphis II. R.

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Berkshire Hogs, Angora Goats, Light Brahma an Golden Seabright chickens. Stock and eggs for sale Call on or address J. J. LITTRELL, Sturgeon, Mo.

Highland Park Herd.

G. W. Johnson, Lexington, Mo.

ENGLISH Red Polled Cattle.

But Pure blooded and extra

Gine stock, \$27 Your orders solided and
L. K. HABELFINE, Dorchester, Greene Co., Me

THE name of SAM W. COX has appeared to the redere of Colman's Rural World longer than an live-stock breeder in Shorthorn Catile, 18th Duke of Cedarview 18590 in use. Up-to-dake Poland China Hogs. Eggs from choice Plymouth Books. Write him again if you wast anything at Prize Crystoch. So. On E. C. & P. S. branch of Prize Crystoch.

CEDAR VIEW AND GROVE HILL SHORTHORNS.

Gay Laddie 119,393 at head of herd. Young stock for sale. Call or write.

TOWELL BROS., Lee's Summit, Mo.

ABERDEEN ANGUS.

ok of both kinds for sale. Inspection of the rd invited, Address

APRIL COMBINATION SALE



Kansas City, Mo., April 8 and 9, 1902. A Sale That Should Interest Every Buyer.

The cattle are contributed by C. G. Comstock & Son, Albany, Mo.; Benton Gabbert & Son, Dearborn, Mo.; Gudgell & Simpson, Independence, Mo.; Scott & March, Belton Mo.; C. A. Stannard, Emboria, Kans., and 26 other representative Hereford breeders.



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Geo. Bothwell's

# CHAMPION SHORTHORNS

AT AUCTION AT UNION STOCK YARDS, CHICAGO, APRIL 14.

43 HEAD The pick of all the young things in my entire herd, consisting Scotch or of Scottish extraction, and the remainder Scotch-Topped Rose of Sharons, Duchesses of Goodness, White Roses and Matildas.

THE CHAMPION BULL CALF OF 1900, THE CHAMPION BULL CALF OF 1901, THE FIRST-PRIZE HEIFER CALF
At the Chicago International will be include

In other words MY ENTIRE SHOW HERD OF 1900-1901 go under the meer to the highest bidder on April 14.

Address for catalogue and other particulars

GEORGE BOTHWELL, NETTLETON, MISSOURI.

eers: MESSRS. WOODS, JONES, EDMONSON and SPARKS.

# 65--SHORTHORN CATTLE-

Kansas City, Mo., Tuesday, April 15, 1902.

The Property of Geo. H. Augustus, Paris, Ill.,

41 Females and 24 Bulls, Scotch and Scotch Topped.

Many of the good American Standard Families being represented. The entire list being composed of GOOD, USEFUL, PRACTICAL CATTLE.

Special attention is called to the fine three-year-old SHOW BULL, SAMPSON, a son of THE GREAT LAVEN-DER VISCOUNT, the two years' champion and winner of the Armour trophy, worth \$400.00.

This will be the bargain sale for good, practical cattle.

G. H. AUGUSTUS, Paris, III.

COL. J. W. SPARKS, COL. R. E. EDMONSON,

AUCTIONEERS:
COL. H: O. BOYER,
COL. B. L. HARRIMAN.

SECOND ANNUAL SALE. At Lockwood, Mo., April 1st.

16 Heifers==8 to 30 months == 18 Bulls. 31 of Them by the Great Show Bull,

WINSOME DUKE 12th, 121623.

Out of the best Bates bred cows in Missouri. Send to M. SOOTER for estalogue

SHORTHORNS, BERKSHIRES and JACKS

Pasteur Blackleg Vaccine ready for use. Single Blacklegine (for common stock): No. 1 (10 doses) \$1.50; No. 2 (20 doses) \$2.50; No 3 (50 doses) \$6.00. Double Blacklegine (for choice stock) \$2.00 for 10 doses, first lymph and second lymph inclusive. Blacklegine Outfit, for applying Blacklegine, 50 cents.

Pasteur Vaccine Co., C. A. STANNARD, Emporia, Kan. Chicago, New York, Kansas City, Ft. Worth, Denver, San Francisco.

# HOT TEA BISCUIT

are Quickly, Easily Made with

# ROYAL **Baking Powder**

Perfect, Delicious, Appetizing.

# Horseman



must get a sufficient quantity of the right kind of feed to secure the best growth of bone and muscle. Of course when it comes time to putting horses on the market to sen it is to the farmer's advantage that they be fat for fat on an animal covers up many defects. The point is to secure an animal that will feesh up well, that is one whose muscles and lean parts will develop and round.

Tennessee Wilkes, Springfield, Greene Wilkes; Monroe Miles, Springfield, Greene Co., Mo.
Surpol, 2:10, by Electricity; Alexander & Renshaw, Tipton, Cooper Co., Mo.
Wilkesby 32333, by Red Wilkes; W. F.
Schade, Pocahontas, Cape Girardeau Co., Mo.
Monitor Russell 33727, by Alley Russell;
D. S. Perdee, Walker, Vernon Co., Mo.
Mongold 28625, Matines record 2:264, by Allendorf; R. C. Browniee, Holden, Johnson Co., Mo.
Monward 18417, by Hudson, 2831, son of Kentucky Prince, 2470. Dr. William Colones Sterlige Blee Co. Kan.

Mr. Prigmore has secured the grounds of the old Queen City Fair Association.

of the old Queen City Fair Association for the purpose of running a baseball game two days in the week during the

ire. Integrity should add a couple of good ones this season.

good ones this season.

Victor Ene, at Carthage, ought to add a couple of good ones to his list. Anteros will probably start some of his Missouri bred colts in races in 1902, and his Indiana work is showing every season. Will Tramby, by Jim Wilson, son of Elue Bull, must be siring some good ones, as at the Lackey sale a golding by him brought nearly \$800, and none of his colts have started yet. L. E. CLEMENT.

duce by Blake, ought to be worn as weight in gold. You can pretty safely count A. J. McKee in the "ring to stay."
Our next man interviewed was Banker J. W. McDermott, the wide awake and hustling secretary of the great Clark County Fair. "Dick," as everybody calls him, is no "spring chicken" in the trotting horse business. We used to have it "ni; and tuck" with his Beimont mare and Konle, ten years ago. Dick has been through the Iowa and Illinois circuits and made one excursion down on the Texas circuit—but that is up another street. He killed his Roy Wilkes pacer last fall in a runaway. It was a case of kill or get killed and it didn't take Dick long to decide between himself and the colt. He has now but a single representation of the various associations composing the circuit are well to see the continuous sasociations composing the circuit are well not seen the colt. He has now but a single representation of the circuit as the colt. He has now but a single representation of the circuit as the circuit meeting. The management of this circuit meeting.

The management of this circuit for 1902 is in the hands of gentlemen of capability experience and enterprise, who will be to it that all possible effort will be put forth to make each and every association will be for the put of the troughout the West. The meetings of the circuit last year success, and will pursue a polloy that must of necessity enlist the interest of horsemen and stock breeders throughout the West. The meetings of the circuit last year success, and effort will be put forth to make each and every association will be for the put of the circuit last years success, and every association with the more favorable of the circuit last years success, and every association will be for the put of the circuit last years success, and will pursue to fit that all possible effort will be put for the that all possible effort will be put for the that all possible effort will be put for the that all possible effort will be put for the that all possible effort will b

A selfon kept for service should be asked to the old generatory of the collision of the col

THE COLUMBIA, MO., FAIR.

Editor RURAL WORLD: 1 have noake the lead in the S. W. Missouri Cir-

TRIESE IN Last DOUBLE T, earny propose of the Book Double T, earny

Col. John E. Thayer and brother, of iced what you have said in reference to Maplehurst Farm, Lancaster, Mass., have changing the date of our fair, so as to sold to J. R. Murphy, of Woodstock, N. diana work is showing every season. Will
Tramby, by Jim Wilson, son of Blue
Bull, must be string some good ones, as
at the Lackey sale a gelding by him
brought nearly \$800, and none of his colts
have started yet. L. E. CLEMENT.

A DAY WITH KAHOKA HORSEMEN,

Editor RURAL WORLD: Finding
horse matters running low in my note
book since my trip to Billup's stock farm,
I concluded to encounter wind and
weather and heavy roads in a trip 'cross
the country to our county town to interview the quandam 'sports' who have
of late years settled down to the estate
of staid and sober breeders; yet, I would
not advise anyone on the strength of this
dictum to try to run a "sandy" on any
one of the book smentioned. They'd have
to "put up or shut up" real soon. I'll
take them as I came to 'em; in an inyears and so on up to the oldest in the business in the county seat.

Albert J. McKee is the junior partner
with his father, in the harness and saddelery business. While the boy is not in
be year this has been the date we have
to the came week inters
the class of the Columbia Fair is the first week
to August. We are very sorty that is held the week before
our fair and the Quincy, Ill., Fair is held
the week before
our fair and the Quincy, Ill., Fair is held
the week before
our fair and the Quincy, Ill., Fair is held
the week before
our fair and the Quincy, Ill., Fair is held
the week before
rear single fine the S. W. Missouri Cir.
We same week. There is one week intertry jears old, having been foaled in
law, the same week. There is one week intertry jears old, having been foaled in
law. His preder, the late Dr. Tarbert,
of Lexington, soid him as a colt to the
law likes like preder, the late Dr. Harbert,
of Lexington, soid him as a colt to the
law. His preder, the late Dr. Harbert,
of Lexington, soid him.
Isso, to the late W. C. France, scho paid
ter's fastest performer. He is now twentry jears old. Alma Mair
ter's fastest performer.
He is now twentry jears old. Alma Mater, the dame of Allandorf is almo here, is fastest B., the well-known sire Allandorf, 2:19%

SAFE FARM TEAMS.

Generally speaking, no one feature will add more to the value of a horse or team than the fact that they are free from the runaway habit. The only way to in and lean parts will develop and round out.

BLUE BULL NOTES.

Editor RURAL WORLD: The little bay mare Louisa M., dam untraced, sired by Strathlan, that took a record of 2108, has been bought by the owner of the bay gelding Joe Wheeler, and they will be ampaigned together. She is now at her RIRAL WORLD for the season of 1982 are well worthy of patronage:

Red Roy, 2:244, by Red Heart; Henry Heimenn, Ballwin, St. Louis Co., Mo.

Tennessee Wilkes, 2:27, by George Wilkes; Morroe Miles, Springfield, Greene Co., Mo.

Tennessee Wilkes, 2:28, by George Wilkes; Morroe Miles, Springfield, Greene Co., Mo.

Tennessee Wilkes, 2:29, by Electricity Alexandra Co., Mo.

Tennessee Wilkes, 2:29, by Electricity Alexandra Co., Mo.

Strong 2:29, by Electricity A can be trusted, and, on the other hand, there is nothing that will detract more from their practical value than to feel that they are ready to run on the least pretext. Farmers have frequently owned such teams and can second the Drog vers' Journal in its position. As a rule, if the driver is careful with a team during the first two or three years of their driving, the danger of their catching the habit in later years is reduced to a minimum; but there is one thing that must always be borne in mind, that, no mafter how old a horse may be, nor how apparently trusty and how deserving constraints. parently trusty and how deserving con fidence, it is always liable to run when inusually startled. It is the first im pulse of brute "ature to get away fr danger.

WINTER CARE OF HARNESS.

Easy Harness Eureka Harness Oil

COLUMBIA, MO., RACES.

August 5, 6, 7, 8, 1902.

400 No. 7-2:35 Pace Stake... 400 No. 8-2:16 Pace Stake... No. 9-8-Year-Old Pace. 200 2-Mile Dash Trot in Harness. Trot in Harness

STAKES CLOSE ON APRIL 15TH.

For Particulars and Conditions Address

B. E. HATTON, Secretary, Columbia, Missouri.

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J. CROUCH & SON, LAFAYETTE, INDIANA



### 20 BLACK JACKS Big Boned, 15½ to 16½ hds.

LONE RETREAT STOCK FARM, LAWSON, MO





MONGOLD, 28625,

MUNICILLY, 28022,

By Allandorf, 2:15½, the best-bred son of the great Onward, as his dam was that greatest of all brood mares, Alma Mater, the dam of Alcyone, Alcantara, etc., whose records as producing sires are unsurpased. Mongold's dam is Monitor Rose, whose first, second and third dams are all in the great brood mare table. Mongold has a matinee race record on a very slow track of 2:28½. He is blood bay, 16 hands, heavy bone and body, and the best action and his colts cannot be beaten for size, style, etc. For terms address or call upon

ROLLA C. BROWNLEE, Holden, Mo.

Breed to MONITOR RUSSELL, 33727, Sired by Alley Rusell, 2:22½, dam Mon-sulta, by Sultan, 2:24, if you want large, fine, stylish, reliable horses. He is over 16 hands, and is outstyled by few horses anywhere. You have but to look at him to admire him. Terms exceedingly lib-eral. Address

D. S. Perdee, Walker, Vernon Co., Mo

SURPOL, 2:10 Surpol, with a race record of 2:10, and a trial of 2:06%; sired by Electricity 534; record 2:17%; dem Sallie Benton (4), 2:17%, world's champion in 1884, 1885, 1886.



# JUST A WORD

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W. OVERSTREET and Dr. N. S. BRYANT. UNION STOCK YARDS, ST. LOUIS, MO.

FOR SALE. Hegistered Percheron Stallion, 8 years old; Mam-meth Black Jack, 5 years old, 2nd prize Mo. State Fair, 1901. Solt tested sires. Colis can be seen in neighborhood. Sold for no fault; must make a change. G. W. JOHNSON, Lexington, Mo.

Arial of 2:06%; sired by Electricity 594; record 2:17%; dam Sallie Benton (4), 2:17%, world's champion in 1884, 1886, 1886.

For terms address

Alexander & Renshaw, Tipton, Mo.

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Sire of Musette 2:04:1-4 and Roam Wilkes 2:04:3-4.
The only son of George Wilkse with two better than 3:06, also a brother to Bud Crock 2:16:1-4, one of his best rading soles. World will be red, to be 3:06 to

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60 mammoth Jacks and Jennetic
15 to 16 hands, for cale. Write
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Despite Proceedings of the first ten volume, with numbers, similal pedigree, and reference to volume in which minimal is registered. Ill be entire upon application. Money may J. H. #FEINER, Secretal Control of the Control of the

For Sale Cheap. DARK GRAY JACK Coming five years old, 15% hands high, heavy bene and body. Will be fully guaranteed. Apply to

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KS England Ma, Mc

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isco.



# Home Circle

She is a woman—one in whom
The springtime of her childish years
Hath never lost its fresh perfume,
Though knowing well that life hath room
For many blights and many tears.

Great feelings hath she of her own Which lesser souls may never h God giveth them to her alone, And sweet they are as any tone Wherewith the wind may ch

Yet in herself she dwelleth Although no home were half so fair; No simplest duty is forgot, Life has no dim and lowly spot That doth not in her sunshine share

She doeth little kindnesse Which most leave undone, or For naught that sets one heart at ease, And giveth happiness or peace, esteemed in her eyes.

Blessing she is; God made her so, ds of week-day holiness Fall from her noiseless as the snow, Nor has she ever chanced to know That aught were easier than to bless.

—James Russell Lowell.

ANOTHER CALLED HOME.

A letter from the daughter of Mrs. Eliza R. Parker informs us that the hand of Mrs. Parker is stilled in death. The daughter had done the correspondence her mother, the latter having been some time in failing health and yet was unwilling to give up her literary con-nection with her papers. We greatly re-gret the death of Mrs. Parker. She gave nection with her papers. We greatly regret the death of Mrs. Parker. Bhe gave to us little of her personal history, yet her communications breathed the helpful spirit. Self was hidden behind her effort to lighten the home-keeper's burden. The highest and best life a woman can live is to ennoble home and its every-day duties; then when the call comes to the "Home Over There," the earthly home will be blessed even when the gentle voice is hushed and the faithful hands are folded never more to perform loving ministrations for dear ones.

That Mrs. Parker loved the Home Circle is fully attested in the fact that her daughter writes: "I have become interseted in your paper and shall be glad to antinue sending articles, as it seems to link me with my beloved mother." When the daughter will wear the mantle of helpfulness dearned from

generally every day. When the mail bags was handed to Father Sanders, the store-keeper and postmaster, he read off the store that more than words bespeaks loving sympathy.

Written for the RURAL WORLD.

ANOTHER BACHELOR'S VIEW.

Regarding the question, Why did God not make a servant girl to wait on Every 1 think the main reason was because the mare son because the market demands them. The did not admire her for the clothes or the style in which her hair was done up, but because she was what God made hereal part of the main the secure that show a under the secure the admiration of the opposite sex as it is for the sun to shine. If they find that men admire a certain style they will make themselves up in that style. If a man gets a butterfly of fashion for a wife, he gets a piece of the goods he helped to manufacture. If he has to attend the baby and see that its bottle is kept full, while his wife is busy with the swell affairs of society, he has no one to blame but himself.

Written for the RURAL WORLD.

ARABASS CO., Ark.

Written for the RURAL WORLD.

Women on the reseased and stated on an exploring sympathy.

When the mail bags was face with a starch bag every time she was deaded to Father Sanders, the storestore, he read of the mail was ploused staring. What was done up, there was generally quite a number there. The remainder of the mail was dore the mail was distributed. There was generally quite a number there. The remainder of the mail was a distributed. There was generally quite a number there. The remainder of the mail was a wish that her example had been followed more closely. "Beauty under the when there is lots of room for improve ment, why not improve? About two months ago a visit was for mail, the drawer was taken out a was applied up. The brush was burned and the prought back a sack of mail after night in a terrible thunder storm. He drove into the yard and was unloading some the style that a starct bag every time she wish when there is lots of room for improve ment, why not improve? About two mon

asant or attractive, but in every sta-n and calling in life is found the bit-

the sweet. work! Was there ever a farm-Work! work! Was there ever a tarmr's wife, mother or daughter who did
of work or need to work? Yes, there is
rork on the farm for men, women and
hildren, but generally it is work of their
wn and for their own benefit, and you
mow they say: "it is not work, but
vorry, which kills." During the cold
reather we had in January and February it was difficult for the women folks
o visit among their neighbors, and the
elsure moments at our home were spent sure moments at our home were spent replenishing the fires, chatting and ding good books and papers, of which

When at large social gatherings—fairs and the like—which are generally held in cities the women from the farm togrowd by their dress, manner or conver-ation, and the influence of the women of the farm is felt in a community as surely as that of any city woman of NINA S.

Monroe Co., 111.

Written for the RURAL WORLD BY AN OLD CONTRIBUTOR.

It has been some time since I have written to the Home Circle, but sickness of my husband for a long while must be my excuse. When he seemed to be getting well I was called to Chicago in January, when after a week's watching beside her sick bed I returned bringing the body of my mother with me to lay her body of my mother with me to lay her beside her husband in the New Douglas Cemetery. It was a very cold day when we held the funeral here in the Baptist hurch, and then drove ten miles to the cemetery. I contracted a bad cold which almost gave me lung fever—a very bad cough, at any rate—and with nervous prostration kept me in bed nearly three weeks. To-night I felt very tired and went to bed at 8 o'clock, lying there till 9, but could not sleep, so I arose, dressed, and here I am writing to you. I do so enjoy the letters from all—but especially when some one who wrote 25 years or more ago, writes once more. Just think, I used to read the RURAL WORLD 36 years ago. Of course there are older readers, I mean those who have read it longer, but that is a good while to look back to. lmost gave me lung fever-a very bad

Taking of riding horse back makes me think of when I first learned to ride. I was 15 years old when we moved into the country, and my father bought a horse that was gentle—that is, we found it was —as my sister (12 years old) and I went to the barnyard and called the horse to us and got on her back without halter, bridle or saddle. We were having a fine time riding around the yard when father

ON RURAL WORLD DAY.

gret the death of Mrs. Parker. She gave to us little of her personal history, yet her communications breathed the helpful spirit. Self was hidden behind her effort to lighten the home-keeper's burden. The highest and best life a woman can live is to ennoble home and its every-day duties; then when the call comes to the "Home Over There," the earthly home will be blessed even when the gentle voice is hushed and the faithful hands are folded never more to perform loving ministrations for dear ones.

That Mrs. Parker loved the Home Circle is fully attested in the fact that her daughter writes: "I have become interested in your paper and shall be glad to ontinue sending articles, as it seems to link me with my beloved mother." When the daughter will wear the mantle of helpfulness dropped from a dear mother's shoulders, that mother's life is being honored, and though dead she still speaks. The members of the Home Circle, we feel sure, sympathise with Miss Eleanor Parker in her bereavement and will extend to her the warm-hand grasp that more than words bespeaks loving sympathy.

\*\*Image of the death of the head of the word in the rest of the light of the miles and a half away, so it soon became imperative that I learn to ride horse-back to go to the store and postoffice. We did not have and no one dreamed, I successfor rural delivery in those days. The railroad was seven miles away, and whoever went to town past the store took the mail bag over to "town," and brought back to their job.

Sometimes it was two weeks maybe maybe and to Father Sanders, the store-took and the there warm-hand grasp that more than words bespeaks loving sympathy.

\*\*Continue father and told us to let that hor damine out, and told us to let that hore and the fathful hands and the fathful hands are doldest. I love, and the parson of the world's Fair. What would the World's Fair be without the rural distributed the parson folds the part of the world's fair with the cage of the timber near a small creek; in fact, a branch flowed through our land.

Arkanasa C.D., Ark.

Witten for the RURAL WORLD.

Works of the Survey of the state of the state

A LITTLE HELPER

"My father says I'm a great helper," Said little Miss Dorothy Gay.
"There's just only us and our Bridget,
So I have to work ev'ry day. on Monday I help do the washing

On Monday I help do the washing
By wiping the p'atos dry und bright,
On Tuesday I help Bridget iron
By folding the towels just right;
On Wednesday I help do the mending
By threading the needles up, fast,
And Thursday I help deen the silver
By counting it over at last;
And Friday I help with the sweeping
By dusting as hard as I can,
And Sat'day I 'most do the baking
By buttering overy pan;
And Sunday-well, Sunday, my father
Says he doem't actu'ly know
But he'd break right down in his sermon
At meeting if I didn't go!"

—Youth's Companion.

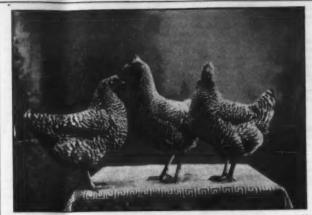
I VOTE "YES" for the button. Rosa Autumn, push the reunion and picuic to success, and I put your name in nomination as president of that reunion, which term I like better than picuic. Now, Mrs. President, do not "kick."

S. H. LINTON.

Written for the RURAL WORLD. FROM INDIAN TERRITORY.

Having been a reader of the RURAL Having been a render of the RURAL WORLD for a long time I would like to be admitted to the Home Circle. When the paper reaches our home the Home Circle is the first thing I read. The RURAL WORLD editor has more patience than most men or he would get tired of us women.

How many of the readers have ever been in the Indian Territory? We have a lovely country, and have our own laws, choose our chief every four years. We have our senators and councilors; we



A trio of Barred Rocks as bred by Mr. and Mrs. Kallmonthe Poultry Ranch, New Florence, Mo. They can eggs. Here is the proof:

Lancaster, Mo., May 27, 1901.

Dear Sir and Madam: The eggs we received fifteen chickens. Wishing the past I remain, Very respectfully yours, EVERETT O'BRIANT.

Written for the RURAL WORLD. ECONOMICAL AND HEALTHY FLOORS.

This is a subject which I think every housekeeper is interested in, or should be—the treatment of the home floors. Now that spring cleaning will soon be at hand, a few suggestions may be welcomed by many housekeepers. Many housewives in the South do not like carpets, nor heavy rugs, and it is a wise idea to abandon them in the summer for health and comfort both. A floor which I have used is almost equal in looks to a choose our chief every four years. We have our senators and councilors; we have colleges, schools, orphan and insane asylums, penitentiary, and some very good towns. Vinita is the largest town and a hustling one, too. Tahlequah is the capital. You cannot tell the Indians from our white brothers.

"Old Maid in the Corner" is just right choose where Adam of the content of the cont

"Old Maid in the Corner" is just right ember to a pint of oil. Apply with a new paint brush. A second coat will look betters; write again. How I would like to see and talk with Ina May. I hope to meet some of the Home Circle friends at the World's Fair, and I want to wear a button.

Can any of the sisters tell me how to remove moles from the face?

CHEROKEE LADY.

Adair, Cherokee Nation.

Written for the RURAL WORLD.

ON RURAL WORLD DAY.

CHEROKEE LADY.

ON RURAL WORLD DAY.

We have the food and will look better after a few days. The preparation tell for the remove moles from the face?

CHEROKEE LADY.

Adair, Cherokee Nation.

Written for the RURAL WORLD.

ON RURAL WORLD DAY.

CHEROKEE LADY.

Adair Cherokee Nation.

Written for the RURAL WORLD.

ON RURAL WORLD DAY.

CHEROKEE LADY.

Adair Cherokee Nation.

Written for the RURAL WORLD.

ON RURAL WORLD DAY.

**Poultry** 

FARM RAISED FEED FOR POULTRY

Editor RURAL WORLD: In view of the fact that all feed is scarce and dear farmers should make some provision for cutting down the feed bill for the poultry by putting in a patch or two of some-thing which will furnish a substitute for the high-priced stuff which they will un-

Besides the small grain, a plot of sweet corn and sunflowers should be planted. The sunflowers are so hardy that they may be put in as soon as ground is fit to be worked, and will be ready to feed by July 1, just in time to help some of the young chicks in the feathering process and to carry the old fowls safely through the moulting period. Plant in rows as far apart as corn and a seed to about every 16 inches. If you have not already grown this plant for your poultry, try it and

Editor RURAL WORLD: Early last Editor RURAL WORLD: Early last fall I wrote an article I think for the RURAL WORLD advising those intending to buy pure-bred poultry to buy early, and I think that those who followed my advice have not regretted it. Now I offer another suggestion: If you did not get your start in stock last fall while good stock was obtainable, buy eggs. You can get eggs from good stock very reasonably, hatch them in April or May, and some of the smaller varieties will do well hatched as late as June, and even July. These chicks will not be old enough July. These chicks will not be old enough to eat much fed until the new crop is ready to use, and feed will be cheaper. This may seem a small item to some, but small items count up. R. R. FRENCH. Gentry Co., Mo.

in watching them travel (and they are travelers) I learned that what the first travelers) I learned that what the first did not get those in the rear did. They have an eye like a robin. I have seen them turn their heads a little sideways, as though looking wise, step six or eight feet away, and get the worm every time.

"They are fond of potato bugs, and will clean a patch better than Paris green. I believe a flock of a hundred will beat spraying all to pieces; and then the young, half-grown birds are as good for a fry as a prairie chicken.

"The main trouble is to raise the young. I would set them under a common hen. She will beat the mother guinea hen, who, while she will hatch twenty-five or more, will travel off and let them drop out one by one until they are all gone."

thing which will surnish a substitute for the high-priced stuff which they will unavoidably consume during the spring months. If considerable poultry is raised the food eaten is no small item of expense if it must all be brought from town, and haste should be made in planting something that will mature as soon as possible. Almost all green vegetation is eaten with relish in early spring by all feathered stock and those are fortunate who have a patch of clover, wheat or rye near-by for the use of the poultry. If there is none of these, oats or barley should have been sown at the first opportunity, so as to furnish the green food required and grain later on.

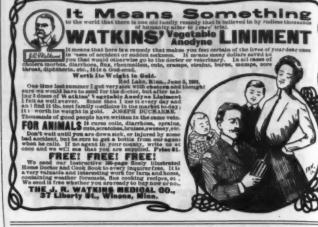
Many complain of not getting a good stand of small grain near the poultry house, but our plan has always been to plow the ground two or three days in advance of the seeding and let the fowls work it over to their easifsaction, then if the patch is too large to sow and harrow some evening after the fowls have gone to roost we confine them for a day, and before giving them their liberty give them a little extra feed so as to lessen the desire to scratch. Following this plan we have never found the stand any cause for complaint.

Besides the small grain, a plot of sweet cron and sunflowers should be planted.

The sunflowers are so hardy that they may be may be made by darymen before in the market fowls have gone to room for exercise.

CARING FOR HENS AND CHICKS.

CARING FOR HENS AND CHICKS.



Bronze Turkeys and Barred Plymouth Rocks For Sale. EGGS FOR SALE IN SEASON.

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MRS. J. H. MAY, Wilson, Mo. Barred P. Rocks, Thurmond's winning strain; Ckls. and Cocks on hand. Eggs 31.49, 15; 82.75, 39: 33.75, 46. Large fancy M. S. Turksys; Eggs 38, 9; 38, 18. Mrs. U. E Thurmond, Louisiana, Mo.

LECHORN ECCS om he greatest laying strain on earth. S wn and White Leghorn Eggs 75c per setting

W. P. Chamberlain, Kirkwood, Mo. FOR SALE. A fine let of Buff Plymouth Rock Cockerels Pullets. Write for prices. Eggs in season 82 per JOHN G. WEBER, Marine, 111.

Parred Plymouth Bocks. Bred for size, laying qualities and standard plumage. Eggs 51 per 15, 61.50 per 38. ALBERT GUTGESELL, Alfred and Scanian Aves. 38. Louis, Mo. Pure Breed B. P. R. Eggs For Sale By Mrs. W. H. OABTWRIGHT, Upper Alton, Ill. Presh and well packed. Orders booked as re-ceived; \$1.00 per 15, \$1.50 per 30.

CGGS for hatching from Prise Winning Barred Plymonth Books, S. C. Buff and Brown Leg-horns. Stock for sale. Eggs in season St. 30 per 15. No. 4980 Kemper Park, 95. Louis, Mo.

PURE BLACK BREASTED RED GAMES. Cockerels \$1.50, Hens \$1.00, Trie, \$3.

Eggs in season, \$1.00 per 13.

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\$1.35 One Sitting...\$2.00 Ten Turkey Eggs
Brown Leghorn, White Leghorn, Barred Rock,
White Book, Black Minores and Brouse Turkeys
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E. W. GEER, Farmington, Mo.

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S. C. B. LEGHORNS Fine, thrifty, farm grown 15 Eggs 51, 30 81.75. WE SUPPLY THE WORLD

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8. C. B. LEGHORNS, '. P. ROCKS, 15 Eggs \$1.00, 00 Eggs \$3.00, 100 Eggs \$4.00. F. D. Luce, Shelbins, Mo. Mamm ·th Blue Barred Rocks, cocks 12 i heas 3 to 1:1-2 ios; eggs from wincers, score 93 1-2: 32 per 15; 38 per 45; range stock 31 per 15. MRS. JOHN L. GAISER, Charleston. Ili.

B. P. ROCKS Exclusively for 19 years, stock put and bred from the best strains.

Mrs. M. A. Cottey, Knox City, Mo.

B. P. Rocks, Silver Gray Dorkins, M. B. Tur-R. S. Doncan, Perrin, Mo.

A SMALL INVESTMENT Made through us will pay you a cash weekly in-come, greater-every week than a whole years in-terest on the same amount in bank. Will com-mence to earn this at osce and continue to do se until you wishdraw your money. No gambing scheme or speculation, but by means of a legitimate licensed business. Address.

J. ARNOLD & CO., Fine Streets, Dept. P., St. Lond Reduced Prices—Pure Bred Poultry; 35 years experience; shipped fowls and eggs to almost every state. MRS. KATE GRIFFITH. Bowling Green, Mo.

EGGS! EGGS!

From High Scoring B. P. Rocks by (Hewes') breeding pen from the yards of Sid Congor, Shelbyville, Ind. Rggs 82.09 per 18. M. B. Turkey Ton weights 36 hbs., scores 36 1-2 from Cotton Town, Tunn., to head breeding pen, heas weighing 30 1-2 to 31 1-2, scoring 65 to 36 1-5 by Wale. Rggs 38 per 9. Incubator Eggs from 9 yards 36.09 per 100. MRS. WM. BRITE, WALNUT, KANSAS.

caution when buying baking powders to take only those well-known and reputa-ble brands of cream of tartar powders, which the government chemists have cer-tified to be pure and wholesome.

continued by the powder was also found. Sulphuric all or 14 inches. Bell of the such as an article of diet.

Alum, all physicians say, when used in food is deleterious to health.

It is surely no more than a wise present and a coming breed. Get full particulars by addressing Mr. Duncan.



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STEM-WIND WATCH, CHAIN AND CHARM

GREIDER'S FINE CATALOGUE

PANTOPS, SILVER LACED WYANDOTTES 28 ckis. for sale scoring above 90, true Wyandotte shape fine lacing, especially strong in Laced Wing Bar. Sead to egg circular. A pure blood Jarsey Bull Out for alle. JAMES M. ROGERS, ELSBERRY, MO.



Bronze furkey Eggs, \$1.75 Twelve. Rhode Island Reds, Barred Books, Bik. Minor Leagshaus \$1 15.81.75 24. M.O.Jewell, Birdsville. WALNUT VALLEY POULTRY FARM Barred Plymoath Rocks exclusively. Hggs \$1,50 per 15; \$2.50 per 30. G. M. HOADLEY, Sedalia, Mo

15 Eggs, 81 FRESH HALE BARRED ROCKS
Also Breed Buff and White Books. Hepenthe Poultry Ranch, New Florence, Mo 1882 REED 1993

Eggs for hatching, v3 per 15, rom prise-winning
Lt. Brahmas, S. L. Wyandottes, scores 91 to 943-4.
Sight dealing. H. f. REED, Camp Point, III.

15 EGGS. \$1 S. C. Brown Leghorns and Barre 100, \$5 P. Rocks. Farm grown. (Box \$53) (Box \$53)

RUPTURE CURED while you work. You pay
ALEX. SPEIRS, Box 956, WESTBROOK, MAINE. WHITE Holland Turkeys; 2 yr. winners at Mo W State Show; B. P. Rosek Chickens; large Toms 83; 1st prize yr. Tom trios, 87. Eggs in season. Ad-dress MISS MARY L. SCHAAL, Lexington, Mo.

SARRED PLYMOUTH ROCKS EXCLUSIVELY for more than 20 years; stock first class. Per set ting 41 per 15. W L Kirkbride, Rosemond, Iil. Eggs from White Holland Turkeys and Black Langehaus. Mrs. J. H. Price, Clarksville, Mo. Chamberlain's Perfect Chick Feed. Stands alonerecognizes no competition and is the only original dry feed. Factory price 32.58. St. Louis freight charges added at all distributing points Chamberiain's Chick Feed will raise every one

W.F. CHAMBERLAIN, Kirkwood, Mo. DARRED PLYMOUTH ROCKS exclusively Thompson strain. Eges \$2 per 15. MRS. J. R. JONES, Ashland, Mo.

EGGS FOR HATCHING. High-Scoring Black Langshans \$1, 15; M. B. Tur-keys \$2, 11; Embden Gesse \$1, 6. MBS. J. T. ARVIN, Boanoke, Mo.



BUCKEYE (MOUBATOR CO., SPRINGFIELD, UNIO. (INCUBATORS 30 DAYS TRIALS 5. BUFF ROCKS, S. L. Wyandottes and S. S. Ham Good game, try me. J. B. HAYNES, Ames. 111.

S. S. Hamburgs Either sex, \$1 each, \$ for \$5.50. Eggs \$1 per 1 Score card with every bird. Address THOM VICKERS, Walker, Vernon Co., Mo.

EGGS from thrifty, farm raised WHITE PLYMOUTH ROCKS at \$1.00 per 15, \$1.50 per 30. VERNON CO. THO M VICKERS, WALKEE, MO. EG 38—8. C. B. Leghorns and B. Langshan, 76c pt. 15. Fine pens, B. Langshan and W. Wya dottes 32 per 15. M.M.Browning, Appleton City, M.

B. P. Rocks. siggs from matings of first-class birds; 8t for 15; two or more settings 75c. MRS. W. H. TAYLOR, Salisbury, Mo. EGGS FROM HIGH SCORING BIRDS White Wyandottes, Pure Duston 22.50 per 15. 64.00 per 30; B. Rock, pon 1, 81.50 per 16, 83.50 per 30, free range 81 per 18, 53.50 per 30, free range 81 per 18, 53.60 per 90. Pekin Ducks, extra large, 51.00 per 9, 82.50 per 37. Poor hatches duplicated at one-half price.

MRS. G. F. TRESCOTT, Winfield, Mo.

Farm grows. Eggs 101 100 Eggs 34. W. J. RADCLIFFE, Box 77, Williamsfield, Ill.



IMPROVED CHESTER WHITES
of all ages both assess far sale. Ist, prise aged
bear Mr. State show as well as four other prises, sali
opin write

# Will yield well in dryest season. Wonderful Hog food. Free circular how to plant, cultivate, etc., and prices. J. E. HAYNES, Ames, III.

WALKUT Valley Farm Herd-Poland Chinas, Riack U. S. Chief Perfection 2nd and Tecam-FOR SALE Poland China Boar ready for service, pedigree terminhed. Fine size, fine thaps, good bone. Address Box 28, Kinloch, Mo. JAMES N. MASSEY.

POLAID-CHINAN. Gilt-edge pedi-ridual merit combined. L. OBGAN, Carmi, White Co., III.

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You pay ay. TAINE.

BIVELY Per set-nd, III. d Black

Feed. d is the St. Louis points-ry one of

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8. Ham-es, 111. gs per 16.

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VIVION & ALEXANDER,

FOR BALE-P.C. Boars and Glits of April farrow. Glits bred to Ideal; #569, a worthy son of Ideal Tecumseh 2597A. M. B. Turkeys of best strain. Young Toms weigh is to S bes, at 25 to 14 each; hens 25. C. H. JONES, Pawnes, Ill.

### FOR SALE.

Pure Bred Poland China Sews and Gilts and Shropshire Down Ewes, bred. J. W. BOLES, Auxvasse, Mo.

DUROC-JERSEYS.

Ele 2 HERDS Duroc-Jersey and Chester White Hogs. Top individuals. No screenings craiced. Write for left-live prices. J. E. RAYNES, Ames, Ill. THOROUGHBRED DUROC-JERSEYS-Gilts bred to farrow in April. For sale at reasonable

Lewis W. Hassmann, Bast Alton, Ill. Durse-Jersey and Berkshire Hogs! Extra statistation guaranteed or you may return at my supense. S. C. WAGENER, Pana, III.

40--DUROC-JER YEYS---40 Of Bred Sows and Gilts of Best Strains. S. G. RICHARDS, Sturgeon, Mo









The Pig Pen

Corn meal alternating with corn meal, required 34.5 per cent less grain to produce a pound of gain than did the pigs that were getting only corn meal.

ARTICHOKES FOR PIGS.

ARTICHOKES FOR PIGS.

Much has been written on the subject or an internating with corn meal and wheat maddings. With corn meal and wheat middlings were an internating with corn meal and wheat middlings were more consuming as in some without ago in riding across the country on the corn meal and wheat middlings were more designed with a series for aske. Ist. Pips a good determine just what proportion of rather with the series for aske. Ist. Pips a good and without the series for aske. Ist. Pips a good and without the series for aske. Ist. Pips a good and without the pips with the series for aske. Ist. Pips a good and without the pips with the series for aske. Ist. Pips a good and without the pips with the series for aske. Ist. Pips a good and without the pips with the pips with the series for a ske. Ist. Pips a good and with the pips with th

Note Mr. Arnold's artichoke advertisement of page 3.

BRED SOWS FOR SALE

Five Sows of 1901 farrow, sired by Black U. S. Perfection 58509 a, full brother in blood to "Keep On," the sweep-stakes winner at Chicago 1901. Bred to Ideal Tecumseh 50997a, winner of let in aged class Illinois State Fair 1901, and due to farrow in April and May. Prices \$25.00, \$30.00, and \$35.00 each. All good color and size.

JNO. HEDGES & SON, PANA, ILLINOIS.

160-18. PIES BREZION G.

160-18. PIES PU. S. Chief Tecumsch 3d, U. S. Pana, ILLINOIS.

160-18. PIES BREZION G.

161 The association was held in the office of the secretary Col. Chas. F. Mills, last month. It was the twenty-seventh annual meeting and the total traction consisting of one-fifth cottonseed meal and due to farrow in April and May. Prices \$25.00, \$30.00, and \$35.00 each. All good color and size.

160-18. PIES PIES BREZION G.

160 The chief's Bivial S. Dans of egyal breeding. L. A. SPIES BREZION G.

161 The cottonseed meal and the past year. He also paid a high compliment to the Berkshire man four-fliths corn meal for four weeks, then corn meal for two weeks, alternating in this manner during is weeks, one of the past year. He also prospects for the coming year are for the continued growth of business.

160-18. PIES BREZION G.

160-18. PIES BREZION G.

161 The ottonseed meal and the past year has been one of the most successful of this excellent record association. N. E. Gentry, Sedalla, Mo., president of the association was held in the office of the wast year. He also president of the American Berkshire Association was held in the office of the sate of the past year was the value of cottonseed and grain that had a value of 2.24 cents.

160-18. PIES BREZION G.

160 The other two lived and thrived and were fattened on the above mixture without changing in 126 days. During that high and a value of 2.24 cents.

160-18. PIES BREZION G.

160 The other two lived and thrived and were

Banner Route
To ITHE
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Kansas City,
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EIGHTH AND OLIVE STS.

CANKER SORES IN YOUNG PIGS.
A Weconsin breeder uses the following facility and the service of the first state of the f

Ilsappointed with.

The cost of this barn including value of timber and my own labor was about of 275. All the material of the structure, excepting nails and hinges, was the product of the farm. I consider this one of the best sheep barns in this locality.

**Pure Whiskey** Direct from Distiller to Consumer OR thirty HAYNERS DAYTON, OHIO, U.SA. Proposition:

Rye for \$3.20, Express Prepaid. We ship in plain packages—no marks to indicate contents. When you get it and test it, if it isn't satisfactory return it at our expense, and we will return your \$3.20. Such whiskey cannot be purchased elsewhere for least than \$5.00.

REFERENCES:—State Nat'l Bank, St. Louis, Third Nat'l Bank, Dayton, or any of the Express Companies.

WRITE TO NEAREST ADDRE THE MAYNER DISTILLING CO. 305-307 S. Seventh St., ST. LOUIS, MO. 226-232 West Fifth St., DAYTON, OHIO. P. S.—Orders for Ariz, Col., Cal., Idaho, Mont., Nev., N. Mez., Ore., Utah, Wash., Wyo., must be for 20 qta., by freight, prepaid.

ror is in the reduction and prices. T are sure that a fleece that weighs is pounds unwashed cannot be brook-was

And office the misseasists on a diet of stratchists assists by in it the absence of grain there was very litting plat, we will be a stratchist of the plate of th

For practical purposes in the economi grade flocks.

proper rams on strong native as a founda-tion, we get sheep that are stronger and more active and better feeders than can produced by either branch in the pr

Eight pounds of salt sprinkled on a ton of clover hay renders the hay more palat-tible and digestible to the sheep.

There should be a bunch of shade trees

"Invincible, Unsurpassable, Without a Peer,"

Writes a regular subscriber, who has read it for many years, of the Twice-a-Week issue of the

### St. Louis Globe-Democrat

Two Papers Every Week. One Dollar For One Year.

Eight Pages each Tuesday and Friday

GLOBE PRINTING CO., ST. LOUIS, MO.

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Its Telegraphie and Cable News Service excels that of any other paper. It prints the new news fully; not imaginative occurrences, but domestic and world-distant facts. Now is the time to subscribe for the best medium keeping in touch with the whole world. It is DEMOCRATIC in politics, but distinctly a NEWSPAPER and Family Journal.

THE SUBSCRIPTION PRICE of \$1.00 gives you two papers each week, 104 papers a year. It is printed every Monday and Thursday. Address all orders to

### THE REPUBLIC.

ST. LOUIS, MO. Rural World and Republic, either address, both for \$1.50 net.

BARGAINS IN FANCY BRED SOWS.

Perfect coats and collars. Bred to Bimply O. K., 1st prise winner Fair and Big Chief I Know, the 1,000-lb Boar. Write for prices.

JOHN L. CLARK, BOLIVAR, MO.

DUROC-JERSEY HOGS.

40 choice Gilts, lengthy and deep bodied, bred for March and April farrow. A thrifty lot of fall Pigs and Boars ready for service for sale. Prices reasonable. S. Y. THORNTON, Blackwater, Mo.

### FINE BERKSHIRES best families at farmers' prices. Write for what you or, what is better, come and inspect the stock... W. H. KER, Prairie du Rocher, Ills.

Angora Goats for Sale. On Monday, March 31st, I will sell at Public Auction, 1,500 head of high-class and recorded does in Sheep Division No. 2. These does are exceptionally fine and due to kid the first half of May. They are all carrying twelve months feece. Will also sell 500 wethers for brush cleaning purposes. Parties wishing to purchase Angora Goats will do well to attend this sale.

W. T. McINTIRE, Agent, 221 Live Stock Exchange, Kansas City, Mc.

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St. Louis to Chicago

AND TWO PERFECT TRAINS EACH DAY

### St. Louis to Kansas City

Free Reclining Chair Cars. Standard and Compartment Sleepers. Dising Cars with Library and Smoking Apartmests.
Observation Platforms.

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"THE ONLY WAY"

CHICAGO & ALTON

For Rates and Information, address

D. Bowes, Ass't Gen'l Pass. Agt., St. Louis, Mo.



# Hog Cholera

Danville, Ill., February 10, 1901.

Our hogs were sick and we had loss five of them. I bought two packages of Black- Draught Stock and Foultry Medicine and I feed it to them. They are well and doing finely. I think Black- Draught Stock and Poultry Medicine is a good medicine for stock.

GEORGE F. HILLEARY.

Mr. Hilleary represents his township in the Board of Supervisors of Vermillion County, Illinois. He is a very intelli-Mr. Hilleary represents his township in the Board of Supervisors of Vermillion County, Illinois. He is a very intelli-gent man and his opinion is respected by his fellow townsmen. Mr. Hilleary has used Black-Draught Stock and Poultry Medicine. Two 25-cent cans saved him many hogs. Every raiser can save money by putting a spoonful of Black-Draught Stock Medicine in the slop or food when they feed their hogs. The medicine acts on the stomach and bowels. And when a hog's digestive organs are in proper order the hog is healthy. During the worst epidemics Black-Draught Stock and Poultry Medicine has been known to prevent whole herds of hogs in infected districts from taking cholera. Every hog raiser should give his herds this cheap and simple liver medicine. Ask your dealer tor it. Black-Draught Stock and Poultry Medicine will save you hundreds of dollars in hog flesh. It is a good medicine for horses, cattle, sheep and poultry.

If your dealer does not keep it send 25c to the laboratory of the Chattanooga Medicine Co., Chattanooga, Tenn., and a half pound, air-tight can of the medicine will be malled to you. A 10-pound can costs \$3.50. For advice in cases requiring special directions, and an illustrated book on stock and poultry diseases, address manufacturers.

### \$400.00 CASH FOR LARGEST RAM



We horeby offer \$400.00 cash for the largest Ram of any bread or cress. Ram to be weighed Nevember 20, 2001, and sworn statement of owner and weighter and three witnesses to be forwarded to the "AMERICAN SIREP BREEDER," Chiego, III.c., than winning this offer to be delivered in Chicago at the Live Stock Show in December, 1900, whom the \$450,00 will be paid by International Stock Food Co.

"International Stock Food" cases Stores, Caide. Roys, Sheep, Coles, Caives, Figs and Lambe to grow vary rapidly and makes them Healthy and Tipporon. Is used and Super-Water and Coles Caives, The Stores, Coles Caives, The Water Stores, Caives, The Stores, Caives, Cai

A \$3000.00 STOCK BOOK FREE

This Best Contains 183 Large Colored Engravings of Scores, Cuttle, Shory, Riger, Foelby, etc. Rout as \$4000 to Rever Artists and Engravers make the Engravings of Scores, Cuttle, Shory, Riger, Foelby, etc. Rout as \$4000 to Rever of Artists and Engravers make the Engraving of Scores, Cuttle, Shory, Riger, Foelby, etc. Rout as \$4000 to Rever of Artists and Engravers make the Engraving at Its contains Small illustrated Hout for Scores of Scores, Cuttle, Shory, Roy, and Foulity. The Editor of this Paper will tail you could be have a copy of this Snort Hills Route for reference. We will also you for so this Ownship of Snort Scores of Cuttle of Snort Scores of Snort Scores of Cuttle of Snort Scores of Snort Scores of Cuttle of Snort Scores of Snort Snort Scores of Snort Scores of Snort Snort Scores of Snort Scores of Snort Snor

INTERNATIONAL STOCK FOOD. INTERNATIONAL WORM POWDER. INTERNATIONAL GALL CURE.
INTERNATIONAL POULTRY FOOD. INTERNATIONAL COLIC CURE. INTERNATIONAL HEAVE CURE.
INTERNATIONAL LOUSE KILLER. INTERNATIONAL HARNESS SOAP. SILVER PINE HEALING OIL, ETC.

Saturds	y. Yesterday. I esterday.
Wheat— May76%@% July77%	75 6.14 77%6% 70%671% 71% a
Corn— May58%@¼ July58%	87 @58% 58% 57%@59 58%
Oats— May41 July33% Cash wheat, cor Yester	40%@40% 41% b 33%@32% 33% n and oats ranged: day.Saturday.Last year
Wheat-	

No. 2 mxd..61 @.... 63%@.... No. 2 white..00 0.... 63%0... No. 3 mxd..58 669 59 661 2 yellow.00 @.... 62 @.... 2 yellow.59%@59% ....... OatsNo. 2 Mxd. 44½646 45 6 ... 28½6 ...
No. 2 North. 46 696½ 47 6 ... 26 636½
No. 2 white. 46 696½ 47½648 25½6 ...
No. 3 white. 45 696½ 46 644 27 637½
No. 4 white. 45 696½ 45 6 ... 27 637½
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| 18 to 16% hands, extreme | 18 to 16% hands, bulk of sales, 12 to 16% hands, extreme | 18 to 16% hands, bulk of sales, 12 to 16% hands, bulk of sales,

LIVE POULTRY-Hens and mixed chickens, 9c; old roosters, 4½c; broilers, 15c; staggy young roosters, 7c. Turkeys—Average, 12c. Goese, 4½@5s. Ducks at 9c. Pigeons, 41.25 per dozen.

bri. From storage Ben Davis held at \$5.50@3.75 for choice, as to quality, and in a jobbing way.

POTATOES—Quote: Rural on trk. at SOUTHERN CATTLE.—Receipts this

or offerings. There was little or no change in values compared with the general situation during the week previous. Buyers took hold readily and absorbed the offerings under a lively movement. Horse quotations: Heavy draft—Common to good, \$1209150; cholce to extra, \$1009155. Chunks, 1,150 to 1,850 lbs.—Fair to good, \$200930; good to choice, \$200115.

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No. 2 mid. 5 mid. MULES-The early arrivals to the mule

Market Report Furnished by Evans-Sni-der-Buel Company.

CATTLE—Receipts lighter in native di-vision than any week this season. There were no strictly choice or fancy cattle here; one load of pretty good cattle av-eraging 1,515 pounds, brought \$8.75. Light-weight butcher steers advanced 10c to 20c; 554 to 1.15 pound steers fully 10c to 15c. Average, 120. Geese, 4½@5s. Ducks at vision than any week this season. There were no strictly choice or fancy cattle DRESSED POULTRY—Scalded and undrawn, with heads and legs on; Chlekens.—Choice at 1½@13c. Ducks, 10@11c. Keys—Choice at 1½@13c. Ducks, 10@11c. Keys—Choice at 1½@23c. Ducks, 10@11c. Keys—Choice at 12½@13c. Ducks 10% Choice on fancy cattle very no strictly choice or f

WHEAT—By sample—No. 2 ried at 76% of Face of Face; searly Ohlo, 15.6; red extroped to elevator and despot, 79% of 76% on Lavee, rie and despot, 79% of 76% on Lavee, rie and despot, 79% of 76% on Lavee, rie and despot, 79% of 76% of 7

March of the control of the control

NODAWAY CO., N. W. MO.—Ground was dry when wheat was seeded, but favorable rains followed seeding, and these, with protection by snow, have resulted in a normal condition at this time. All danger from frost is considered past. C. J. FUNK.

in good condition at wheat seeding time, completely hobbled and which, with a good growing period following good protection by snow during permitted to say a few the winter, no damage by Hessian fites, with propriety. Probable have put the condition—aver better in with me, and be inclined an excellent condition—never better in with me, and be inclined. J. W. SEATON.

the plant wonderfully.

W. F. ROBERT. March 22. LACLEDE CO., SOUTH CEN. MO .-Wheat was covered with snow during all of February and is now in a good, healthy condition.

J. M. RAGLAND.

JASPER CO., S. W. MO.-Condition of the weather continued fairly favorable. There was protection by snow for a good portion of the time, and thus far no damage has been done by Hessian flies. Recent rains are making the plant look quite green. H. B. BOYD. March 22.

WASHINGTON CO., S. E. MO.-The grown very well, but cannot make any-thing near a full crop. The Hessian flies have done no damage so far. WM. RIEHL.

There is not much moving this spring, most of the tenants remaining on the farms they occupied last season. Farm hands are very scarce and are getting from \$\frac{1}{2}\$ for \$\frac{1}{2}\$ a month, with board and a horse kept. Wheat is worth \$\frac{1}{2}\$ cents per bushel; oats, \$\frac{1}{2}\$ cents; butter, \$\frac{1}{2}\$ cents; butter, \$\frac{1}{2}\$ cents; butter, \$\frac{1}{2}\$ cents per doz. LIVINGTON, COUNTY, MO., NOTES.

Editor RURAL WORLD: Our long siege of beautiful snow has gone and left the ground in nice condition. The fine bed of snow was a great protection to the wheat and grasses. As a general thing wheat is in a fine condition and in this locality (Northwest Missouri) there was a large acreage sown. Notwithstanding the high price of provender and the great fear of the scarcity of food, stock in general came through the winter in good condition. The winter in good condition. The wather has been fine for feeding and the only drawback was the scarcity of water. It is to be hoped the spring rains will ref move this trouble. Farmers are beginning to sharpen up and prepare their toois for spring work.

A GOOD STUMP PULLER: In all timbered countries, one of the chief directities encountered in working the land is the presence of stumps. In making a clearing, the trees are chopped down and is the presence of stumps. In making a clearing, the trees are chopped down and is the presence of stumps. In making a clearing, the trees are chopped down and is learned to the countries of the countries of the chief directions are countries, in making a clearing, the trees are chopped down and selearing, the



MISSOURI WHEAT CROP NOTES.

NODAWAY CO., N. W. MO.—Ground was dry when wheat was seeded, but drawring rains followed seeding, and these, with protection by snow, have resulted in a normal condition at this time. All danger from frost is considered past. C. J. FUNK.

March 22.

CASS CO., WEST CEN. MO.—Soil was in good condition at wheat seeding time. and criticise my ideas in this ma being immodest and unladylike; he before you pass judgment, just put attire and wear it one week ind BOONE CO., CEN. MO.—Ground was dry at wheat seeding time, and there has been as much protection by snow as usual. Late snows and rains have helped in dress, as in business, and thereby g the lasting respect of your poor, hard

March 6, 1902.

VERNON CO. (MO.) NOTES.

Wheat was covered with snow during all of February and is now in a good, healthy condition.

J. M. RAGLAND.
March 22.

BARRY CO., S. W. MO.—Wheat was not slow. We began on a fifteen-acre patch that had been plowed last fall. Friday afternoon, the 7th, and by Monday evening had it sowed to oats and grass seed, going over the ground twice with the harrow, double harrowing one with the harrow, double harrowing one was a little dry at wheat seeding time, and the period following was only moderately favorable to the plant. There was protection by snow during February only, and at this time many fields are thin and backward.

JOHN R. GARBEE.
March 32.

March 12.

Editor RURAL WORLD: March 7, 8, 9 and 10 were typical spring days, and the supplied and 10 were typical spring days, and the supplied and 10 were typical spring days, and the supplied applied to the plant. There was protection by snow during February only, and at this time many fields are thin and backward.

JOHN R. GARBEE.

March 32.

March 11. Editor RURAL WORLD: March 7,

Wyoming, is made accessible to the setting the fall. There was more than a the seeding time, and the weather continued dry during the fall. There was more than a the since the snow disappeared the plant has grown very well, but cannot make anything near a full crop. The Hessian files have done no damage so far.

WM. RIEHL.

March 22.

OKLAHOMA NOTES.

Editor RURAL WORLD: It is getting quite dry here in the "sand hills," and the leading wish is for a copious downfail of rain. A terrific Oklahoma sand storm from the south is raging to-day, so that one cannot see many steps ahead of himself and frequently has his eyes blown so full of sand that his vision is entirely obscured, not to speak of the amount that enters his mouth and jungs. These storms are a positive nuisance and always make one wish he was somewhere size, west of the Rockies, for instance; but would we find there the land of promise?

I have been garden'ng some during the last few days. I planted Irish potatoes, the Tennesse Triumph, which is two weeks earlier than any we have evertied, also winter onion sets, English peas for market as well as home use of the American wonder variety and some Russian lettuce. We have planted in drillis about one-half of an acre of onion seed, also sown quite a large patch in turnips, lege to the last few days. I planted in drillis about one-half of an acre of onion seed, also sown quite a large patch in turnips, lege to the last few days. I planted in the last great, and are completely the properties of the machine the last great and always make one wish he was somewhere size, west of the Rockies, for instance; but would we find there the land of promise?

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The Page Woven Wire Fence Co., Adrian, Mich., have added no less than forty-one new looms to their weaving pleting thirty more just as fast as possible. With this largely increased capacity for weaving, they hope to do this season what they have so far never been able to do in any past season, that is, supply the spring's demand for Page Fence.

If y accomplished by the use of sugar symp and a small amount of the oll of simple, text of the sure of the vine gar solution is mixed dissolved, the vinegar solution is mixed with 3 quarts of water. In this solution

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over the meadows and the cattle are chasing the green spears for dear life.

C. A. BIRD.

March 11.

BIG HORN BASIN.

Editor RURAL WORLD: The Big thouse the shock and returned to its place on the revolving table. The advantages of this shocker are apparent when it is understood that the shocks can be left at the sides of a field, if the latter is not too large, or if operating in a large field, can be left in rows of two words of the Burlington Route. This interesting region is in the same latitude as St. Paul Mine.

supply the spring's demand for Page Fence.

This increase in the number of looms, taken in connection with the fact that all their looms have been running night and day every week (excepting two) for the last thirteen months, will afford some idea of the amount of Page Fencing they are called upon to supply.

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dissolved, the vinegar solution is mixed with 3 quarts of water. In this solution 10 pounds of wheat is 10 pounds by which time the solution will be entirely absorbed by the grain. The wheat is then spread in the sun to dry. Frequent and vigorous stirring is necessary while the wheat is soaking, in order that the grain may be uniformly sturated with the poison. If properly prepared according to this formula, each kernel of grain will contain a fatal dose for one gopher.

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